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Attorney Docket No.: 14143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor:

Peter J. Schiller

Appln. No.:

10/055,186

Filed:

January 23, 2002

Title:

PIEZOELECTRIC RATE SENSOR
SYSTEM AND METHOD (AS
AMENDED)

Examiner:

Swarthout,
Brent

Group Art

Unit:

2632

5/a
W. Schiller
8-21-03

RESPONSE AND AMENDMENT UNDER 37 C.F.R. 1.111

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail
addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-
1450, on this 16 day of July, 2003.

K. R. Swarthout

(Signature)

Sir:

In response to the Office Action dated April 22, 2003, please amend the above-identified
application as follows:

RECEIVED

JUL 24 2003

Technology Center 2600

IN THE TITLE

The title is amended to:

PIEZOELECTRIC RATE SENSOR SYSTEM AND METHOD

IN THE SPECIFICATION

A markup version of the amendments are attached herewith.

On page 8, the third full paragraph is replaced as follows:

With respect to the heart of the standby navigation system, i.e. the gyros, the system in
accordance with the principles of the present invention includes a solid-state micro-gyroscope (or
"gyro"). The gyro generates an electrical signal output proportional to rotational rate. The gyro

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